

**Lead in Drinking
Water
First Draw Sampling
Report**

Lester C. Noecker School

Prepared For:

Roseland School District

100 Passaic Avenue
Roseland, NJ 07068

Performed By:

AERO Environmental Services Inc.
275 Rt 10 East, 220-306 Succasunna, NJ 07876

Report Date

June 6, 2022

AERO ENVIRONMENTAL SERVICES, INC.

ENGINEERING • CONSULTING • TESTING

275 Route 10 East, Suite 220-306 Succasunna, NJ 07876

Telephone (973) 920-9061

Fax (973) 529-0335

June 6, 2022

Mr. Tom August
Supervisor Buildings and Grounds
Roseland School District
100 Passaic Avenue
Roseland, NJ 07068

Re: Lead in Drinking Water Report - First Draw Sampling

Dear Mr. August

Enclosed is the final report for the Lead in Drinking Water-First Draw Sampling & Analysis conducted for the Roseland School District. Lead in drinking water sampling was conducted at the following buildings within your District.

- Lester C. Noecker School

A total of forty-seven (47) first draw samples, including one (1) field blank, were collected while at the facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8

Based on laboratory analysis of the samples analyzed, **zero (0)** samples exceeded the action limit. No remedial action is required. All lead results were below the 15 µg/L New Jersey Action Level.

If you have any questions, please contact me at directly at 973-920-9061.

Sincerely,



Michael Berta, CSP, CPEA
AERO Environmental Services Inc.
mberta@aeroenvironmental.net

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Roseland School District

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1.0 INTRODUCTION

AERO Environmental Services, Inc. was contracted by the Roseland School District to conduct Lead in Drinking Water Sampling at one (1) School. The water sampling was performed on May 11, 2022, by Michael Berta of AERO Environmental Services Inc. All samples were analyzed by EMSL Analytical Inc. at 200 Route 130 North, Cinnaminson, NJ 08077, a New Jersey certified Lead in Drinking Water testing facility.

The purpose of the sampling was to collect first draw drinking water samples from all currently active drinking water locations in the facility and have them analyzed for lead concentration levels.

The initial first draw samples were taken from all currently active drinking water outlets and food preparation outlets in the facility. These samples determine the lead content of water sitting in water outlets that are used for drinking or cooking within the facility.

Lead in water can originate from the outlet fixture or plumbing upstream of the outlet fixture (e.g., pipe, joints, valves, fittings etc.). Lead can also enter a facility through the drinking water system. Sample results are then compared to assist in determining the sources of lead contamination and the appropriate corrective measures.

If initial first draw test results reveal lead concentrations greater than 15 $\mu\text{g/l}$ (ppb) in a 250 mL sample for a given outlet, a follow-up flush testing is required to determine if the lead contamination results are from the fixture or from interior plumbing.

All samples were collected in a 250mL wide mouth plastic container that was prepackaged by the analytical laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours.

-END OF SECTION-

2.0 SUMMARY OF FINDINGS

First Draw samples were collected and submitted for lead analysis. The table(s) below shows the concentration of lead (parts per billion or microgram per liter) at each school location sampled. Sampling conducted followed NJDEP protocols, and all samples were submitted to EMSL Analytical under a completed Chain of Custody Form.

Table 1: Lester C. Noecker School

Date	Location Description	Sample Location Code	First Draw Result (ppb)	Action Ppb	Over Limit Yes/No
05/11/22	204 Kitchen	RD-KO-204-01	ND	15	No
05/11/22	204 Kitchen	RD-KO-204-02	ND	15	No
05/11/22	204 Kitchen	RD-KO-204-03	ND	15	No
05/11/22	Room B1	RD-FB-B1	ND	15	No
05/11/22	Room B2	RD-FB-B2	ND	15	No
05/11/22	Room B3	RD-FB-B3	ND	15	No
05/11/22	Staff Lounge	RD-SO-Staff Lounge	ND	15	No
05/11/22	Room B4	RD-FB-B4	9.24	15	No
05/11/22	Multi-Purpose Rm Left Chiller	RD-FC-Multipurpose -01	ND	15	No
05/11/22	Room 135 Multi-Purpose Rm Bottle Filler Right	RD-FCBF-Multipurpose-03	ND	15	No
05/11/22	Room G2	RD-FB-G2	ND	15	No
05/11/22	Room G4	RD-FB-G4	1.12	15	No
05/11/22	Room G6	RD-FB-G6	ND	15	No
05/11/22	Room G8	RD-FB-G8	ND	15	No
05/11/22	Hallway by Y7 Left	RD-FC- BY Y7-01	ND	15	No
05/11/22	Hallway by Y7 Right Chiller	RD-FCBF-BY Y7-02	ND	15	No
05/11/22	Hallway by Y7 Right Bottle Filler	RD-FCBF-BY Y7-03	ND	15	No
05/11/22	Room G7	RD-FB-G7	2.91	15	No
05/11/22	Room G5	RD-FB-G5	2.09	15	No
05/11/22	Room G3	RD-FB-G3	1.74	15	No
05/11/22	Room G1	RD-FB-G1	ND	15	No
05/11/22	Room R2 Nurse	RD-MO-R2	1.32	15	No
05/11/22	Hallway by Room R5 Chiller	RD-FCBF-By R5-01	ND	15	No
05/11/22	Hallway by Room R5 Bottle Filler	RD-FCBF-By R5-02	ND	15	No
05/11/22	Hallway by Room R5	RD-FC-By Room R5-03	ND	15	No
05/11/22	Room T1	RD-FB-T1	ND	15	No
05/11/22	Hallway by T10 Chiller	RD-FC-By T10-01	ND	15	No
05/11/22	Hallway by T10 Chiller	RD-FCBF-By T10-02	ND	15	No
05/11/22	Hallway by T10 Bottle Filler	RD-FCBF-By T10-03	ND	15	No
05/11/22	Hallway By Room Y1 & Gym	RD-FC-By Room Y1 & Gym-01	ND	15	No

05/11/22	Hallway By Room Y1 & Gym Chiller	RD-FCBF-By Room Y1-02	ND	15	No
05/11/22	Hallway By Room Y1 & Gym Bottle Filler	RD-FCBF-By Room Y1-03	ND	15	No
05/11/22	Room T16	RD-FB-T16	ND	15	No
05/11/22	Room T14	RD-FB-T14	ND	15	No
05/11/22	Room T12	RD-FB-T12	ND	15	No
05/11/22	Room T10	RD-FB-T10	ND	15	No
05/11/22	Room P2	RD-FB-P2	2.50	15	No
05/11/22	Room P4	RD-FB-P4	2.68	15	No
05/11/22	Room P6	RD-FB-P6	4.24	15	No
05/11/22	Room P8	RD-FB-P8	2.75	15	No
05/11/22	Room P7	RD-FB-P7	5.81	15	No
05/11/22	Room P5	RD-FB-P5	3.24	15	No
05/11/22	Room P3	RD-FB-P3	ND	15	No
05/11/22	Room P1	RD-FB-P1	1.99	15	No
05/11/22	Hallway By Room P1 Bottle Filler	RD-FCBF-By P1-02	ND	15	No
05/11/22	Hallway By Room P1 Chiller	RD-FC-By P1-03	ND	15	No
05/11/22	Field Blank	RD-Blank	ND	15	No

3.0 SAMPLING AND ANALYSES

The following guidance documents were followed for all sampling:

1. N.J.A.C. 6A:26-12.4 Safe Drinking Water
2. The EPA's Revised Technical Guidance - "3Ts for Reduced Lead in Drinking Water in Schools"
3. Guidance Document from NJDEP Division of Water Supply and Geoscience – "Lead in Drinking Water: Guidance for Schools and Child Care Facilities Served by Public Water."

Forty-Seven (47) first draw samples, including one (1) field blank, were collected while at the facility. All first draw samples were analyzed.

All samples were labeled with a unique identification number and transported to EMSL Analytical for analysis for lead in drinking water using EPA Method 200.8.

4.0 CONCLUSION

- Based on laboratory analysis of the samples analyzed, **zero (0)** samples exceeded the action limit.
- No remedial action is required.
- All lead results were below the 15 µg/L New Jersey Action Level.

APPENDIX 1

Lester C. Noecker School

LABORATORY ANALYSIS WATER SAMPLING RESULTS WITH CHAIN OF CUSTODY



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn:

Michael Berta
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

5/31/2022

Phone: (973) 920-9061

Fax: (973) 529-0335

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/16/2022. The results are tabulated on the attached data pages for the following client designated project:

Lester C. Noecker School DW 1st Draw

The reference number for these samples is EMSL Order #012207657. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

**EMSL Analytical, Inc.**

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<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012207657
 CustomerID: aero50
 CustomerPO:
 ProjectID:

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 Fax: (973) 529-0335
 Received: 5/13/2022 01:30 PM

Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-KO-204-01 **Collected:** 5/11/2022 2 5:32:00 AM **Lab ID:** 012207657-0001

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:35

Client Sample Description RD-KO-204-2 **Collected:** 5/11/2022 2 5:33:00 AM **Lab ID:** 012207657-0002

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:43

Client Sample Description RD-KO-204-3 **Collected:** 5/11/2022 2 5:34:44 AM **Lab ID:** 012207657-0003

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:45

Client Sample Description RD-FB-B1 **Collected:** 5/11/2022 2 5:35:44 AM **Lab ID:** 012207657-0004

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:46

Client Sample Description RD-FB-B2 **Collected:** 5/11/2022 2 5:37:44 AM **Lab ID:** 012207657-0005

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:48

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Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FB-B3 **Collected:** 5/11/2022 2 5:38:44 AM **Lab ID:** 012207657-0006

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:49

Client Sample Description RD-SO-Staff Lounge **Collected:** 5/11/2022 2 5:39:44 AM **Lab ID:** 012207657-0007

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:51

Client Sample Description RD-FB-B4 **Collected:** 5/11/2022 2 5:40:44 AM **Lab ID:** 012207657-0008

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.24	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:52

Client Sample Description RD-FC-Multipurpose-01 **Collected:** 5/11/2022 2 6:42:44 AM **Lab ID:** 012207657-0009

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:54

Client Sample Description RD-FCBF-Multipurpose-03 **Collected:** 5/11/2022 2 5:44:44 AM **Lab ID:** 012207657-0010

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 23:59

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 Received: 5/13/2022 01:30 PM

Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FB-G2 **Collected:** 5/11/2022 2 5:48:44 AM **Lab ID:** 012207657-0011

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:00

Client Sample Description RD-FB-G4 **Collected:** 5/11/2022 2 5:49:44 AM **Lab ID:** 012207657-0012

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.12	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:05

Client Sample Description RD-FB-G6 **Collected:** 5/11/2022 2 5:50:44 AM **Lab ID:** 012207657-0013

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:06

Client Sample Description RD-FB-G8 **Collected:** 5/11/2022 2 5:51:44 AM **Lab ID:** 012207657-0014

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:08

Client Sample Description RD-FC-BY Y7-01 **Collected:** 5/11/2022 2 5:52:44 AM **Lab ID:** 012207657-0015

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:09

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Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FCBF-BY Y7-02 **Collected:** 5/11/2022 2 5:53:44 AM **Lab ID:** 012207657-0016

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:11

Client Sample Description RD-FCBF-BY Y7-03 **Collected:** 5/11/2022 2 5:54:44 AM **Lab ID:** 012207657-0017

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:13

Client Sample Description RD-FB-G7 **Collected:** 5/11/2022 2 5:56:44 AM **Lab ID:** 012207657-0018

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.91	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:17

Client Sample Description RD-FB-G5 **Collected:** 5/11/2022 2 5:57:44 AM **Lab ID:** 012207657-0019

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.09	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:19

Client Sample Description RD-FB-G3 **Collected:** 5/11/2022 2 5:58:44 AM **Lab ID:** 012207657-0020

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.74	1.00 µg/L	5/24/2022 KG	5/25/2022 VD 00:20

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Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FB-G1 **Collected:** 5/11/2022 2 5:59:44 AM **Lab ID:** 012207657-0021

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:37

Client Sample Description RD-MO-R2 **Collected:** 5/11/2022 2 6:01:44 AM **Lab ID:** 012207657-0022

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.32	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:42

Client Sample Description RD-FCBF-By R5-01 **Collected:** 5/11/2022 2 6:02:44 AM **Lab ID:** 012207657-0023

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:43

Client Sample Description RD-FCBF-By R5-02 **Collected:** 5/11/2022 2 6:03:44 AM **Lab ID:** 012207657-0024

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:45

Client Sample Description RD-FC-By Room R5-03 **Collected:** 5/11/2022 2 6:04:44 AM **Lab ID:** 012207657-0025

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:46

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Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FB-T1 **Collected:** 5/11/2022 2 6:06:44 AM **Lab ID:** 012207657-0026

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:48

Client Sample Description RD-FC-By T10-01 **Collected:** 5/11/2022 2 6:08:44 AM **Lab ID:** 012207657-0027

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:49

Client Sample Description RD-FCBF-By T10-02 **Collected:** 5/11/2022 2 6:09:44 AM **Lab ID:** 012207657-0028

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:51

Client Sample Description RD-FCBF-By T10-03 **Collected:** 5/11/2022 2 6:10:44 AM **Lab ID:** 012207657-0029

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:56

Client Sample Description RD-FC-By Room Y1 & Gym-01 **Collected:** 5/11/2022 2 6:11:44 AM **Lab ID:** 012207657-0030

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:57

**EMSL Analytical, Inc.**

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 Received: 5/13/2022 01:30 PM

Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FCBF-By Room Y1-02 **Collected:** 5/11/2022 2 6:12:44 AM **Lab ID:** 012207657-0031

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 12:59

Client Sample Description RD-FCBF-By Room Y1-03 **Collected:** 5/11/2022 2 6:13:44 AM **Lab ID:** 012207657-0032

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:03

Client Sample Description RD-FB-T16 **Collected:** 5/11/2022 2 6:14:44 AM **Lab ID:** 012207657-0033

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:05

Client Sample Description RD-FB-T14 **Collected:** 5/11/2022 2 6:15:44 AM **Lab ID:** 012207657-0034

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:07

Client Sample Description RD-FB-T12 **Collected:** 5/11/2022 2 6:16:44 AM **Lab ID:** 012207657-0035

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:08

**EMSL Analytical, Inc.**

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CustomerPO:

ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 5/13/2022 01:30 PM

Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FB-T10 **Collected:** 5/11/2022 **Lab ID:** 012207657-0036
 2 6:17:44 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:10

Client Sample Description RD-FB-P2 **Collected:** 5/11/2022 **Lab ID:** 012207657-0037
 2 6:20:44 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.50	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:14

Client Sample Description RD-FB-P4 **Collected:** 5/11/2022 **Lab ID:** 012207657-0038
 2 6:21:44 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.68	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:16

Client Sample Description RD-FB-P6 **Collected:** 5/11/2022 **Lab ID:** 012207657-0039
 2 6:22:44 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.24	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 13:18

Client Sample Description RD-FB-P8 **Collected:** 5/11/2022 **Lab ID:** 012207657-0040
 2 6:24:44 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.75	1.00 µg/L	5/27/2022 KG	5/27/2022 KG 14:27

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012207657
 CustomerID: aero50
 CustomerPO:
 ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 5/13/2022 01:30 PM

Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FB-P7 **Collected:** 5/11/2022 2 6:25:44 AM **Lab ID:** 012207657-0041

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.81	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:23

Client Sample Description RD-FB-P5 **Collected:** 5/11/2022 2 6:26:44 AM **Lab ID:** 012207657-0042

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.24	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:31

Client Sample Description RD-FB-P3 **Collected:** 5/11/2022 2 6:27:44 AM **Lab ID:** 012207657-0043

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:33

Client Sample Description RD-FB-P1 **Collected:** 5/11/2022 2 6:29:44 AM **Lab ID:** 012207657-0044

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.99	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:34

Client Sample Description RD-FCBF-By P1-02 **Collected:** 5/11/2022 2 6:31:44 AM **Lab ID:** 012207657-0045

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:36

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012207657
 CustomerID: aero50
 CustomerPO:
 ProjectID:

Attn: **Michael Berta**
AERO Environmental Services, Inc
275 Route 10 East
Suite 220-306
Succasunna, NJ 07876

Phone: (973) 920-9061
 Fax: (973) 529-0335
 Received: 5/13/2022 01:30 PM

Project: Lester C. Noecker School DW 1st Draw

Analytical Results

Client Sample Description RD-FC-By P1-03 **Collected:** 5/11/2022 2 6:33:44 AM **Lab ID:** 012207657-0046

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:37

Client Sample Description RD-BLANK **Collected:** 5/11/2022 2 6:35:44 AM **Lab ID:** 012207657-0047

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	5/24/2022 KG	5/24/2022 VD 21:39

Definitions:

- MDL - method detection limit
- J - Result was below the reporting limit, but at or above the MDL
- ND - indicates that the analyte was not detected at the reporting limit
- RL - Reporting Limit (Analytical)
- D - Dilution Sample required a dilution which was used to calculate final results



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4TQT-27JU-WA3E



Client Information
AERO Environmental Services, Inc
Succasunna, NJ

Project Overview

PO Number
Project Name
Project ID
Client
Special Instructions
Bill To
Report to Contact
Report to Email

Lester C. Noecker School DW 1st Draw
Aero Environmental Services Inc
aero50
Michael Berta
Mberta@aeroenvironmental.net

Project Site

Building
Type
Address 1
Address 2
City
State
Country

School or Day Care Center
100 Passaic Avenue
Roseland
NJ
US

Testing Laboratory

EMSL Analytical
200 Route 130 North
Cinnaminson, NJ

Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
RD-KO-204-01		May 11, 2022 5:32 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-KO-204-2		May 11, 2022 5:33 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-KO-204-3		May 11, 2022 5:34 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-B1		May 11, 2022 5:35 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-B2		May 11, 2022 5:37 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-B3		May 11, 2022 5:38 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-SO-Staff Lounge		May 11, 2022 5:39 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-B4		May 11, 2022 5:40 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FC-Multipurpose-01		May 11, 2022 6:42 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-Multipurpose-03		May 11, 2022 5:44 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G2		May 11, 2022 5:48 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G4		May 11, 2022 5:49 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G6		May 11, 2022 5:50 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G8		May 11, 2022 5:51 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FC-BY Y7-01		May 11, 2022 5:52 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-BY Y7-02		May 11, 2022 5:53 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-BY Y7-03		May 11, 2022 5:54 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				



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4T01-217U-WA3E



Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
RD-FB-G7		May 11, 2022 5:56 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G5		May 11, 2022 5:57 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G3		May 11, 2022 5:58 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-G1		May 11, 2022 5:59 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-MO-R2		May 11, 2022 6:01 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By R5-01		May 11, 2022 6:02 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By R5-02		May 11, 2022 6:03 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FC-By Room R5-03		May 11, 2022 6:04 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-T1		May 11, 2022 6:06 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FC-By T10-01		May 11, 2022 6:08 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By T10-02		May 11, 2022 6:09 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By T10-03		May 11, 2022 6:10 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FC-By Room Y1 & Gym-01		May 11, 2022 6:11 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By Room Y1-02		May 11, 2022 6:12 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By Room Y1-03		May 11, 2022 6:13 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-T16		May 11, 2022 6:14 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-T14		May 11, 2022 6:15 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-T12		May 11, 2022 6:16 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-T10		May 11, 2022 6:17 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P2		May 11, 2022 6:20 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P4		May 11, 2022 6:21 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P6		May 11, 2022 6:22 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				



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4T01-27U-WA3E



Sample ID	Sample Area	Date/Time Collected	Volume	Matrix / Test Method	TAT	pH	Preservative	Additional Tests	Notes
RD-FB-P8		May 11, 2022 6:24 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P7		May 11, 2022 6:25 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P5		May 11, 2022 6:26 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P3		May 11, 2022 6:27 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FB-P1		May 11, 2022 6:29 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FCBF-By P1-02		May 11, 2022 6:31 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-FC-By P1-03		May 11, 2022 6:33 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				
RD-BLANK		May 11, 2022 6:35 AM	250 mL	Lead Drinking Water / C-Lead by ICP-MS EPA 200.8	2 Week				

Sampled By / Date

M. Roberts

May 13, 2022

Relinquished By / Date

M. Roberts

May 13, 2022

Received (Lab) / Date
Devil Slump WJ 5-13-22 1:30pm
Elwyn 5/13/22 1:30 pm - Rec. mpr. ez
HNO3 added 5/16/22 7:30 gk